

FIG. 1

20050601 50125001

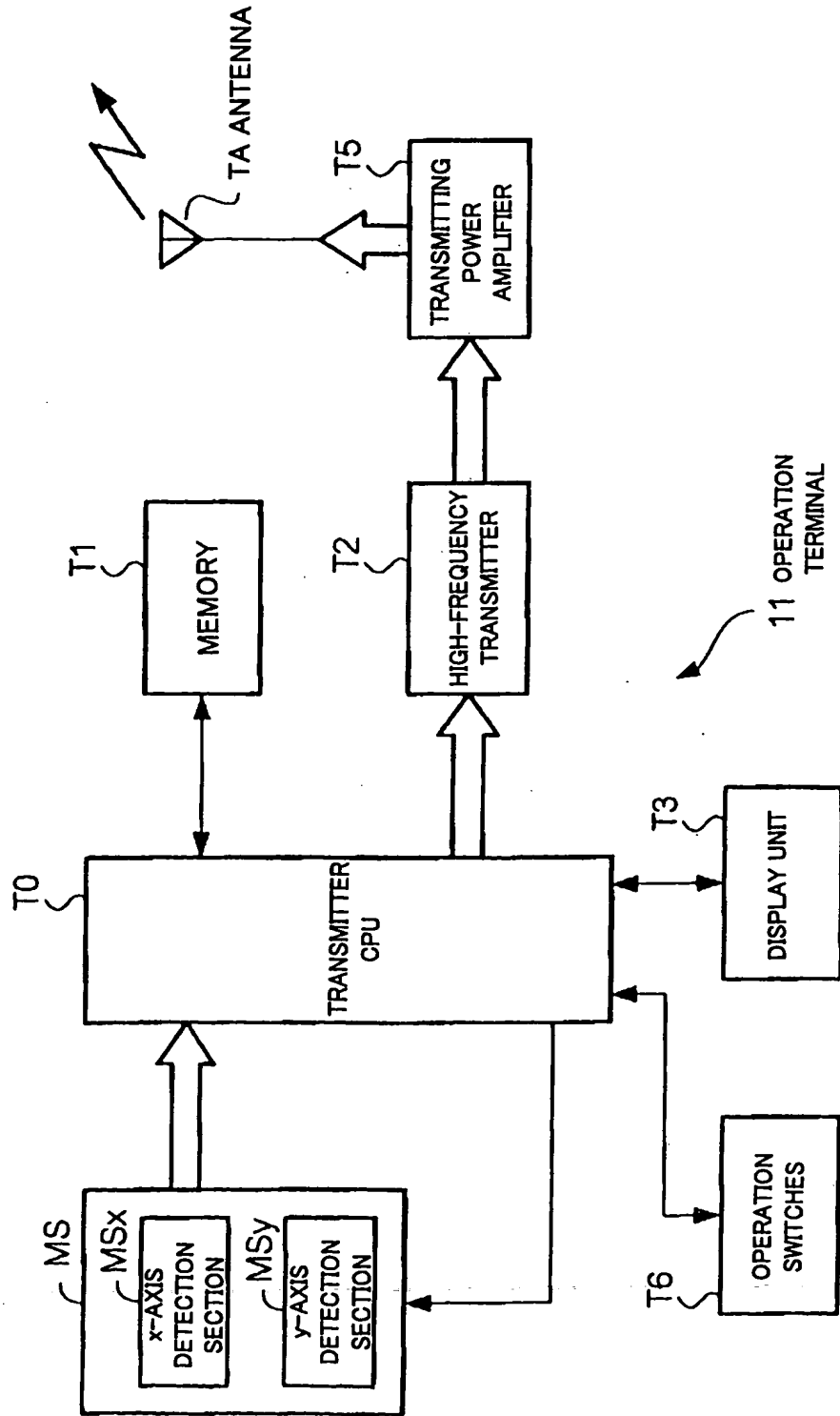


FIG. 2

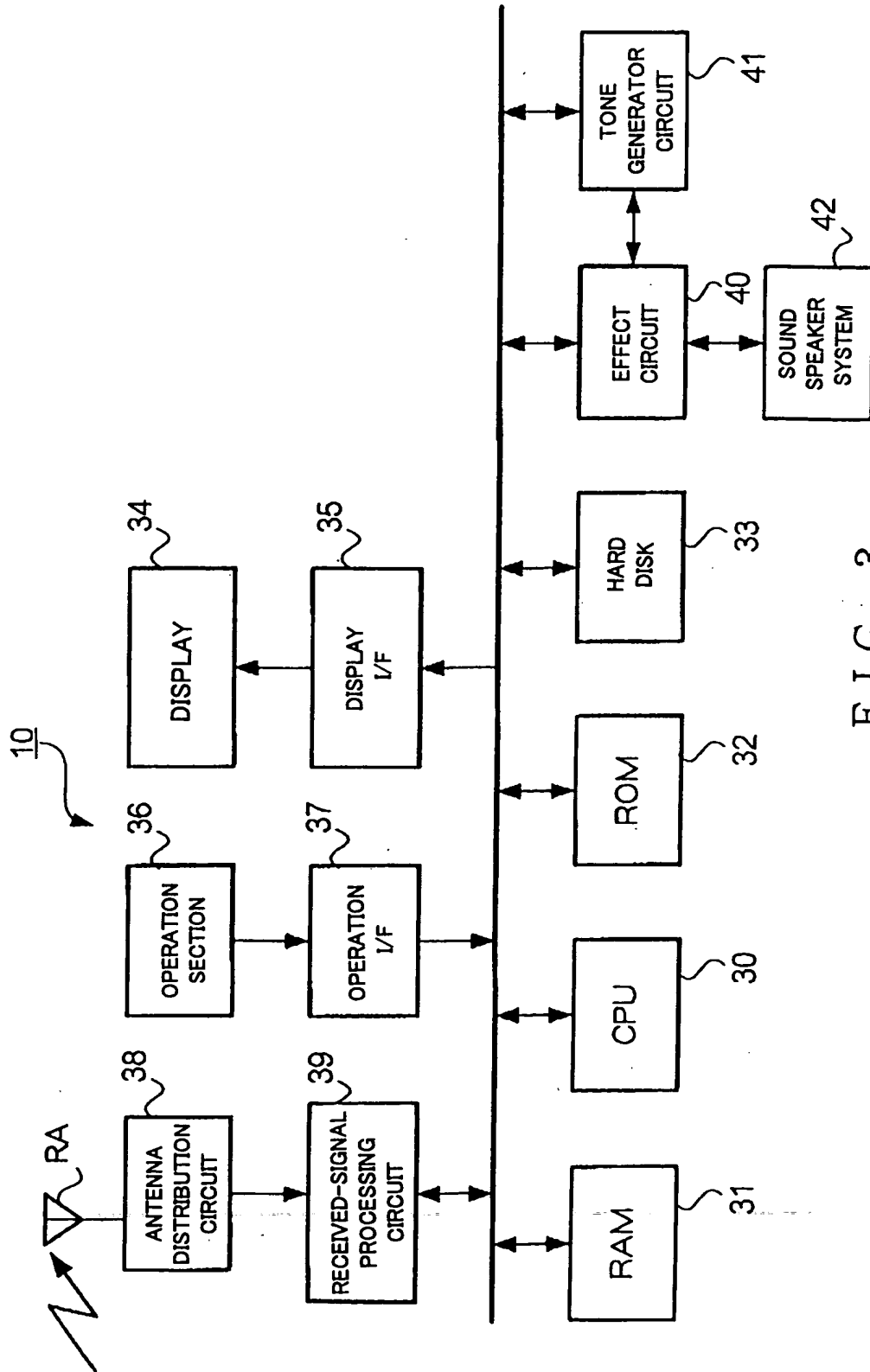


FIG. 3

205950-5042600F

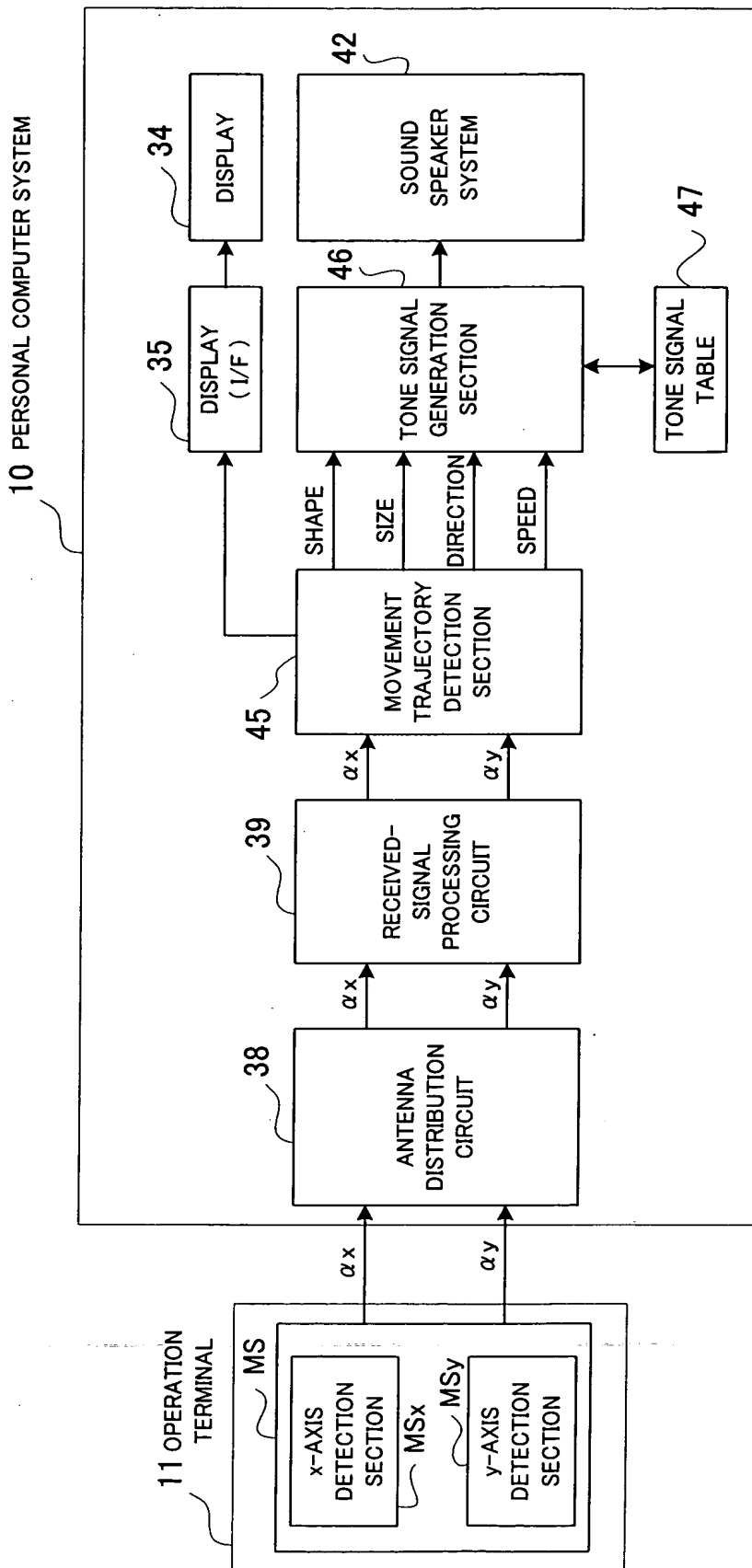
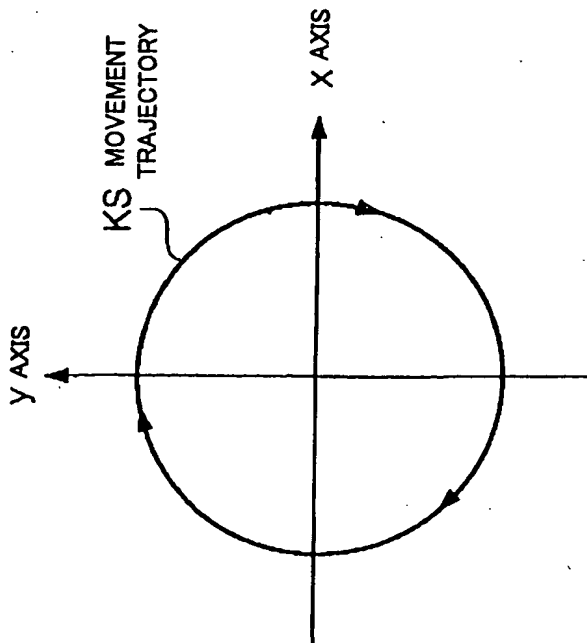


FIG. 4



MOVEMENT OF  
OPERATION TERMINAL

FIG. 5A

|                       |   |  |
|-----------------------|---|--|
| SHAPE<br>INFO.        | = | "CIRCULAR<br>TRAJECTORY<br>SHAPE OF ONE<br>REVOLUTION" |
| SIZE<br>INFO.         | = | "RADIUS R"   |
| DIRECTION<br>INFO.    | = | "CLOCKWISE"  |
| SPEED<br>INFO.        | = | "V"  |
| INFO. TO BE GENERATED |   |  |

FIG. 5B

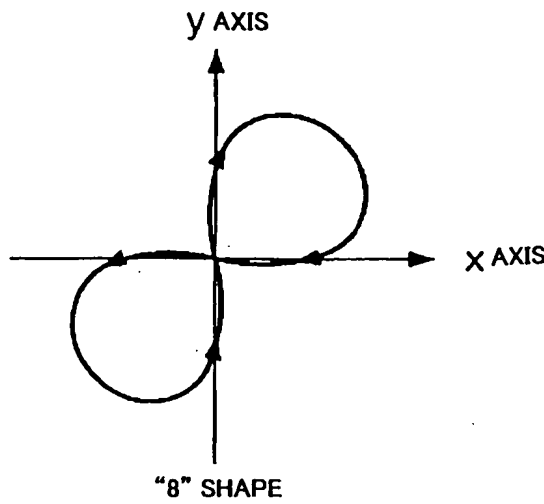


FIG. 6 A

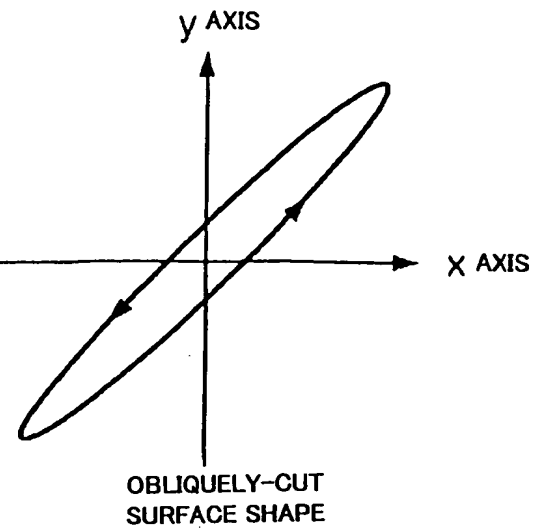


FIG. 6 B

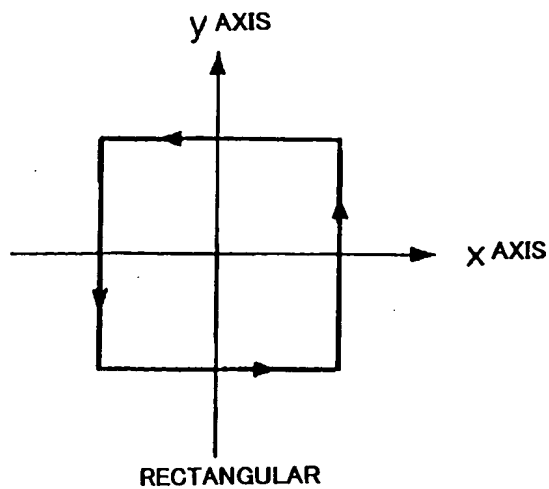


FIG. 6 C

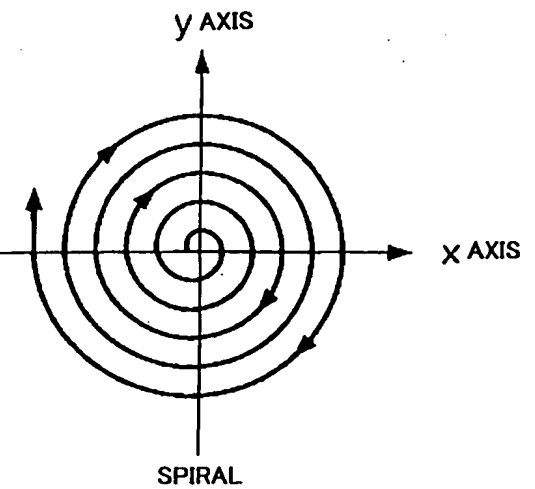


FIG. 6 D

205000 50426001

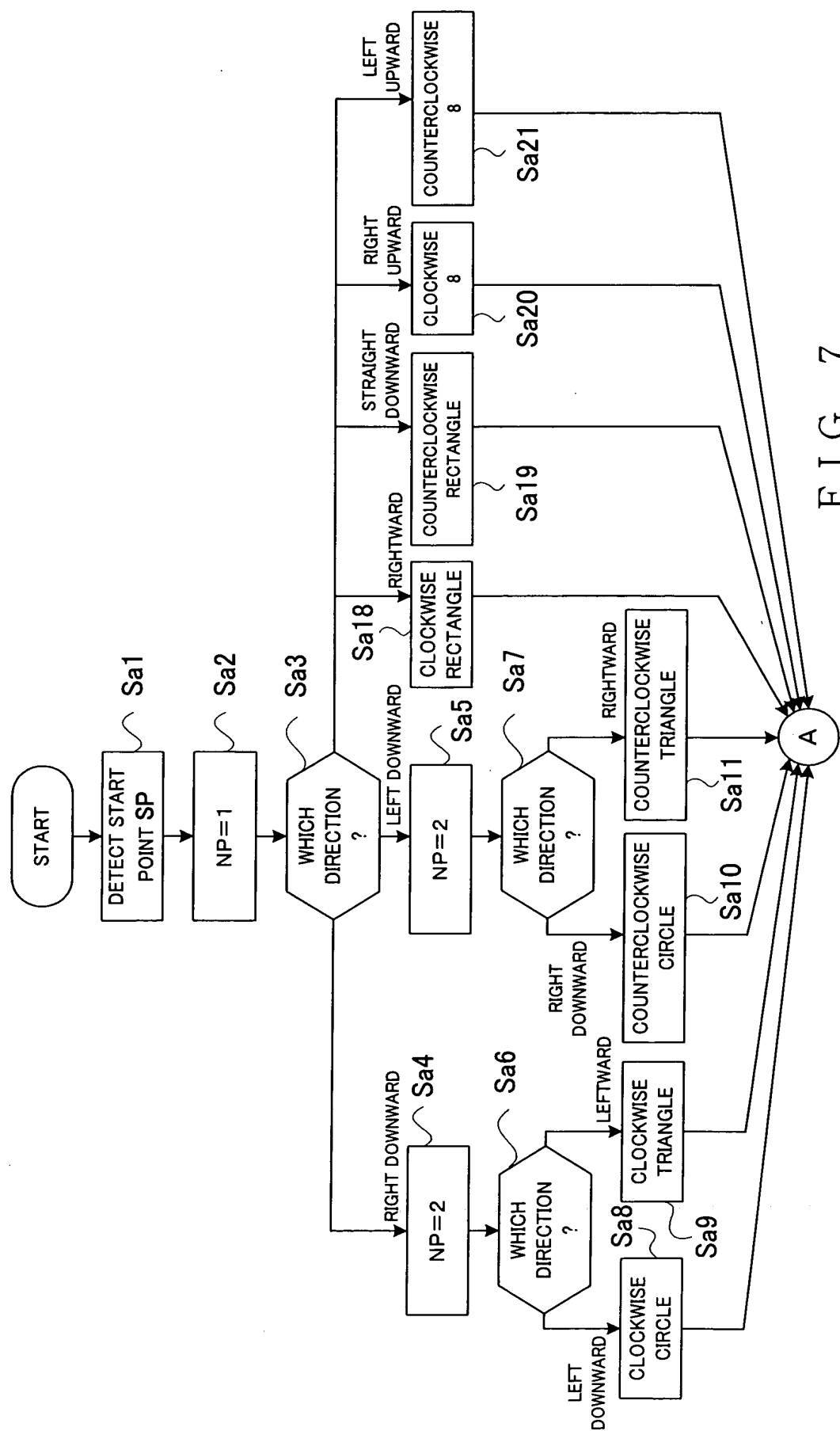


FIG. 7





| SHAPE FLAG                    | PREDETERMINED<br>COUNT | NP1                  | NP2                  | NP3                | NP4                | NP5             | NP6               | NP7               | NP8             |
|-------------------------------|------------------------|----------------------|----------------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------|
| CLOCKWISE CIRCLE              | 4                      | RIGHT<br>DOWNWARD    | LEFT<br>DOWNWARD     | LEFT<br>UPWARD     | RIGHT<br>UPWARD    |                 |                   |                   |                 |
| COUNTERCLOCKWISE<br>CIRCLE    | 4                      | LEFT<br>DOWNWARD     | RIGHT<br>DOWNWARD    | RIGHT<br>UPWARD    | LEFT<br>UPWARD     |                 |                   |                   |                 |
| CLOCKWISE<br>RECTANGLE        | 4                      | RIGHTWARD            | STRAIGHT<br>DOWNWARD | LEFTWARD           | STRAIGHT<br>UPWARD |                 |                   |                   |                 |
| COUNTERCLOCKWISE<br>RECTANGLE | 4                      | STRAIGHT<br>DOWNWARD | RIGHTWARD            | STRAIGHT<br>UPWARD | LEFTWARD           |                 |                   |                   |                 |
| CLOCKWISE<br>TRIANGLE         | 3                      | RIGHT<br>DOWNWARD    | LEFTWARD             | RIGHT<br>UPWARD    |                    |                 |                   |                   |                 |
| COUNTERCLOCKWISE<br>TRIANGLE  | 3                      | LEFT<br>DOWNWARD     | RIGHTWARD            | LEFT<br>UPWARD     |                    |                 |                   |                   |                 |
| CLOCKWISE 8                   | 8                      | RIGHT<br>UPWARD      | RIGHT<br>DOWNWARD    | LEFT<br>DOWNWARD   | LEFT<br>UPWARD     | LEFT<br>UPWARD  | LEFT<br>DOWNWARD  | RIGHT<br>DOWNWARD | RIGHT<br>UPWARD |
| COUNTERCLOCKWISE<br>8         | 8                      | LEFT<br>UPWARD       | LEFT<br>DOWNWARD     | RIGHT<br>DOWNWARD  | RIGHT<br>UPWARD    | RIGHT<br>UPWARD | RIGHT<br>DOWNWARD | LEFT<br>DOWNWARD  | LEFT<br>UPWARD  |

FIG. 9

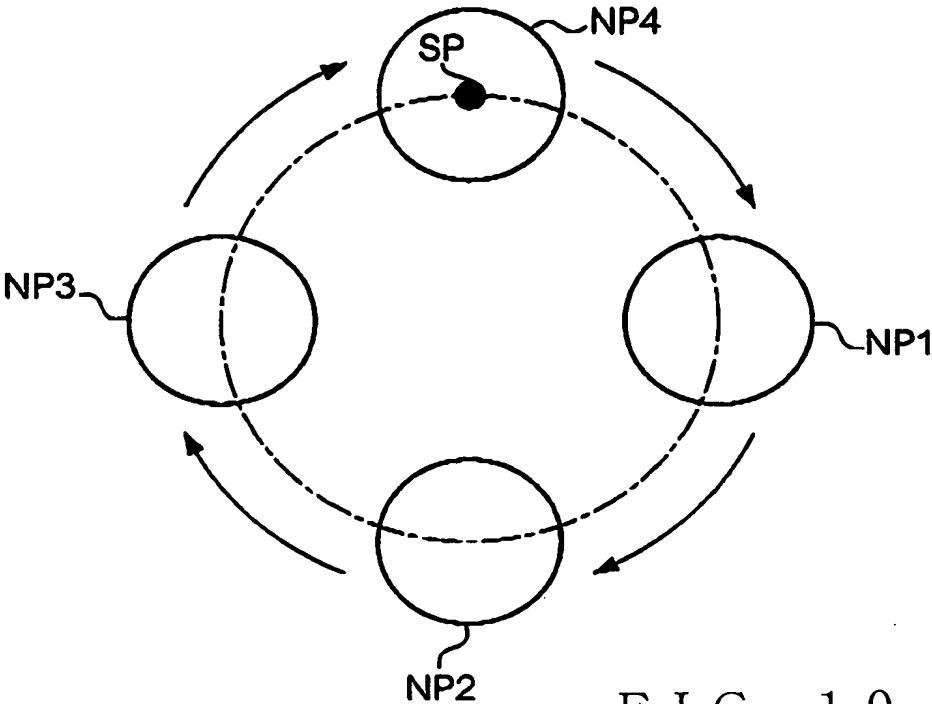


FIG. 10

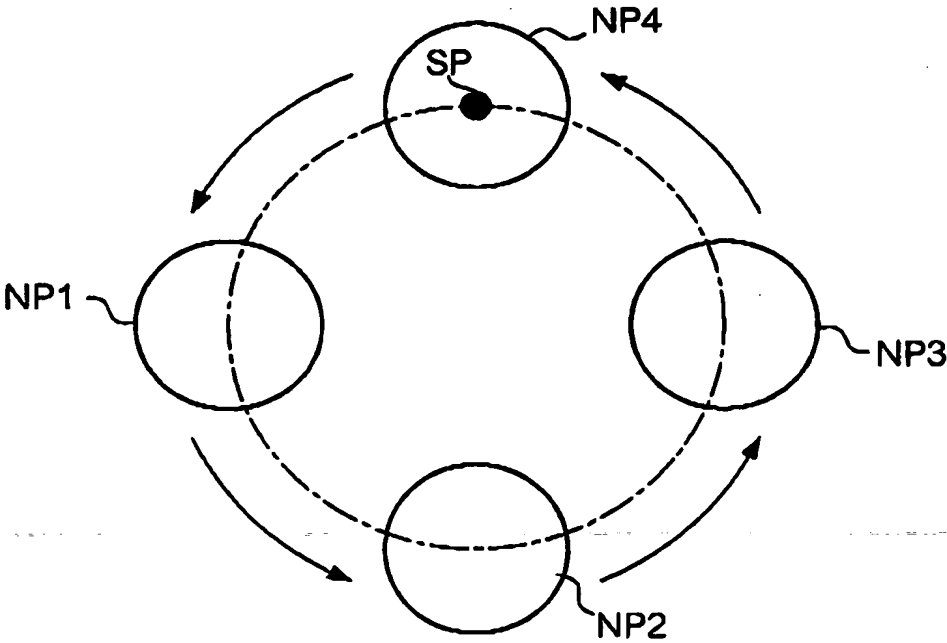


FIG. 11

20250303 09:25:00

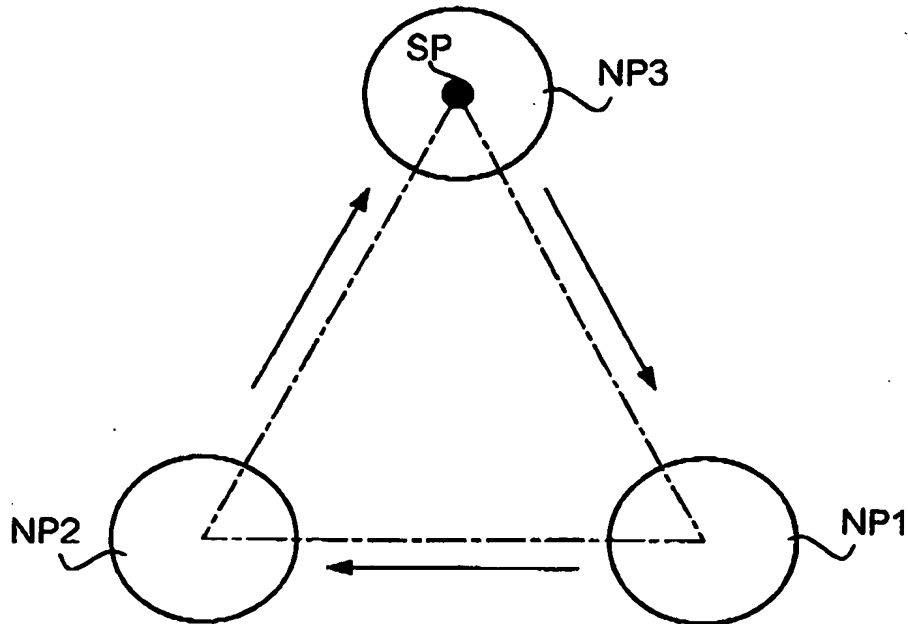


FIG. 12

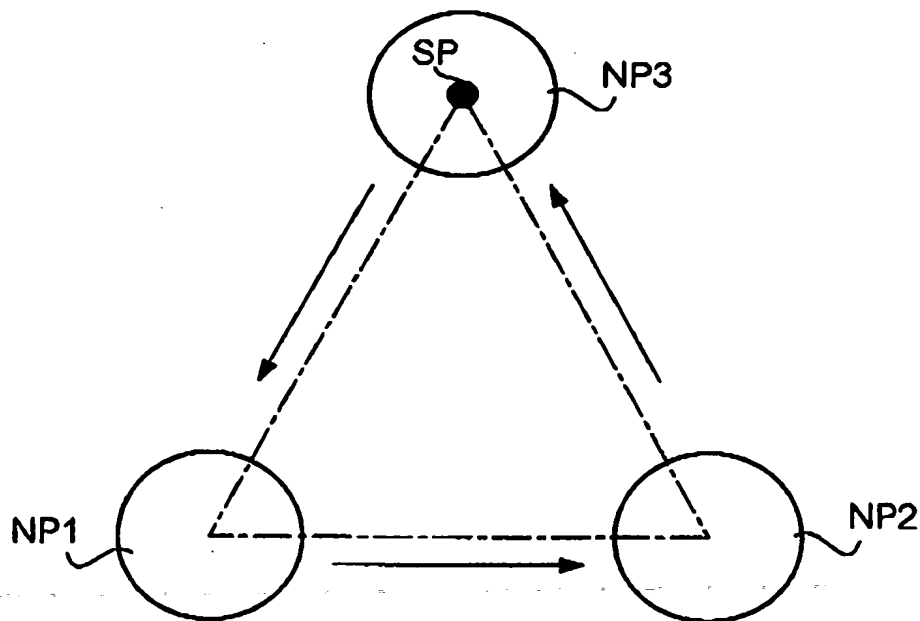


FIG. 13

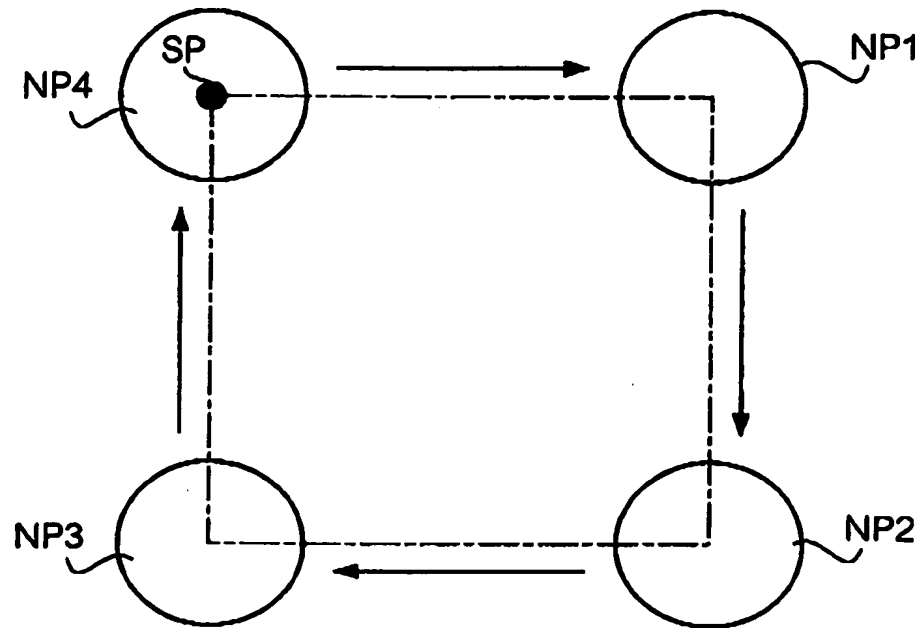


FIG. 14

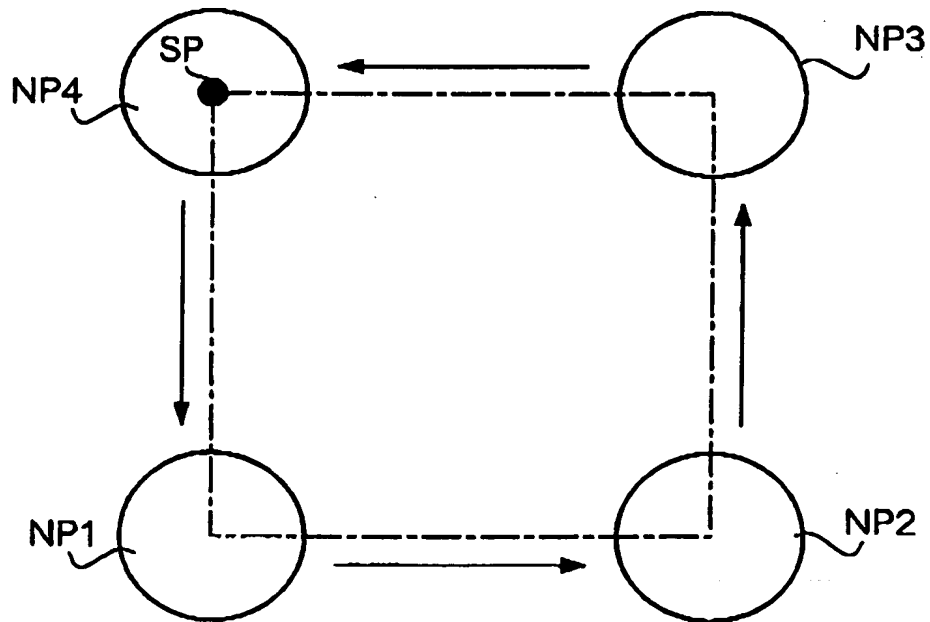


FIG. 15

20250426 10:00:00

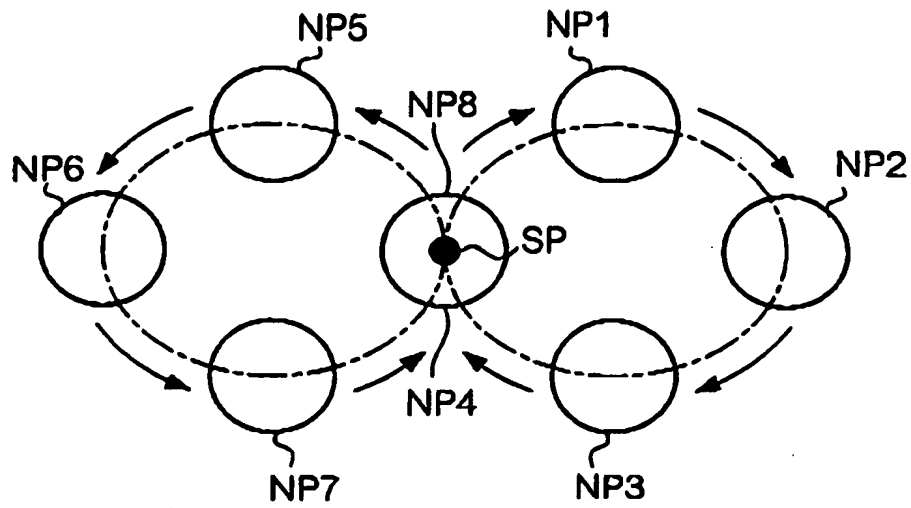


FIG. 16

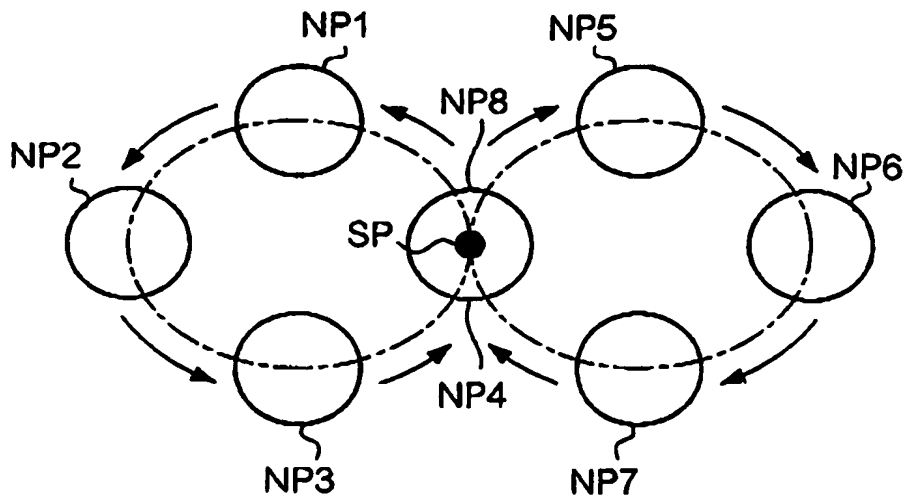
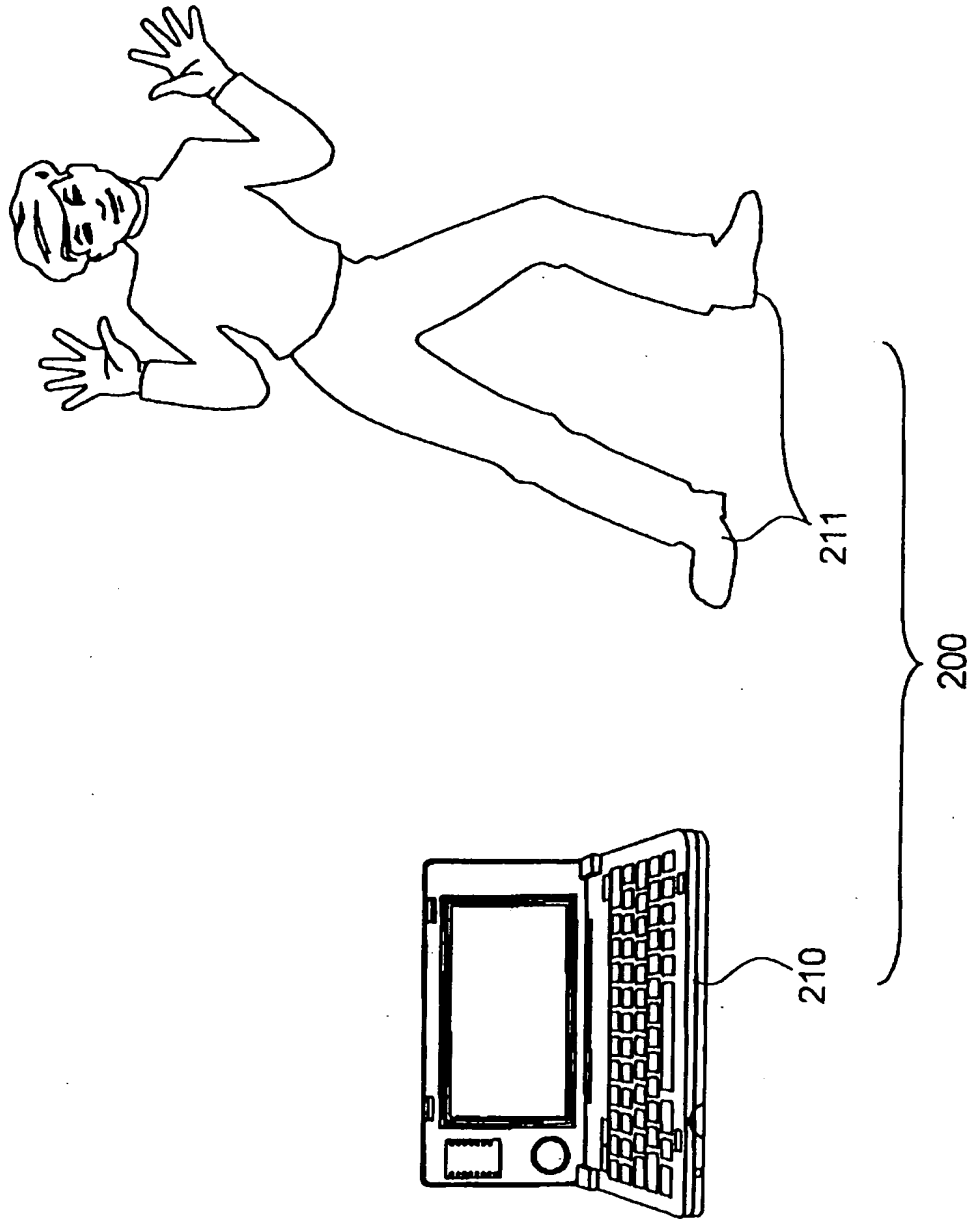


FIG. 17

205050-50435001

| TRAJECTORY SHAPE<br>(DIRECTION INCLUDED)                | TRAJECTORY<br>SIZE | TRAJECTORY<br>SIZE | MOVING<br>SPEED | SCALE<br>NOTE |
|---|--------------------|--------------------|-----------------|---------------|
| CIRCULAR SHAPE OF ONE<br>CLOCKWISE REVOLUTION           | SMALL              | SMALL              | A               | C             |
| CIRCULAR SHAPE OF ONE<br>COUNTERCLOCKWISE<br>REVOLUTION | MEDIUM             | MEDIUM             | B               | D             |
| SHAPE OF NUMERAL "8"<br>(BOTH DIRECTIONS)               | GREAT              | GREAT              | C               | E             |
| OBLIQUELY-CUT<br>SURFACE SHAPE<br>(DOWNWARD)            |                    |                    | D               | F             |
| OBLIQUELY-CUT<br>SURFACE SHAPE<br>(UPWARD)              |                    |                    | E               | G             |
| ...   |                    |                    | ...             | ...           |

FIG. 18



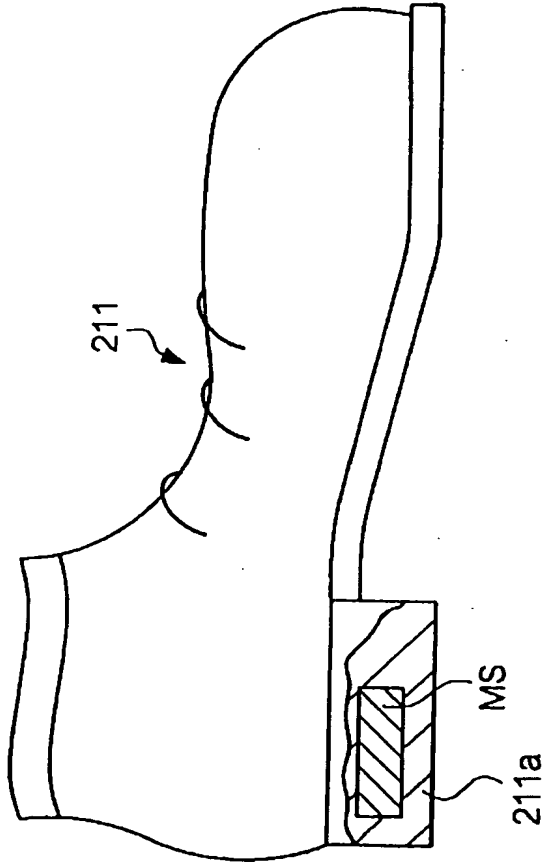


FIG. 20

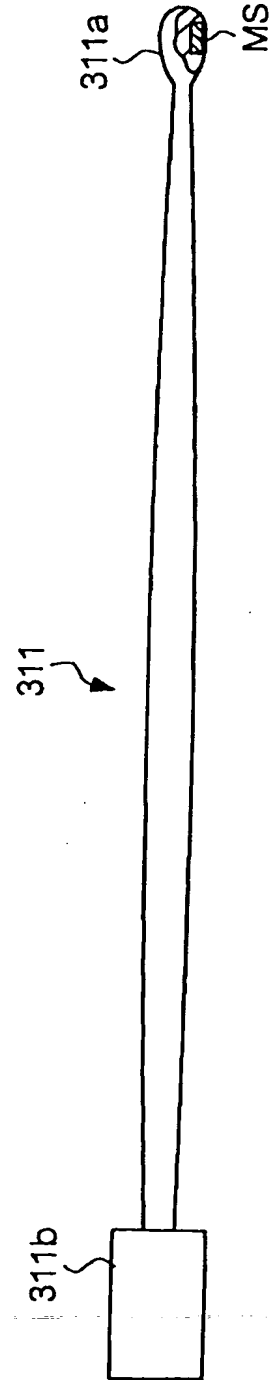


FIG. 24



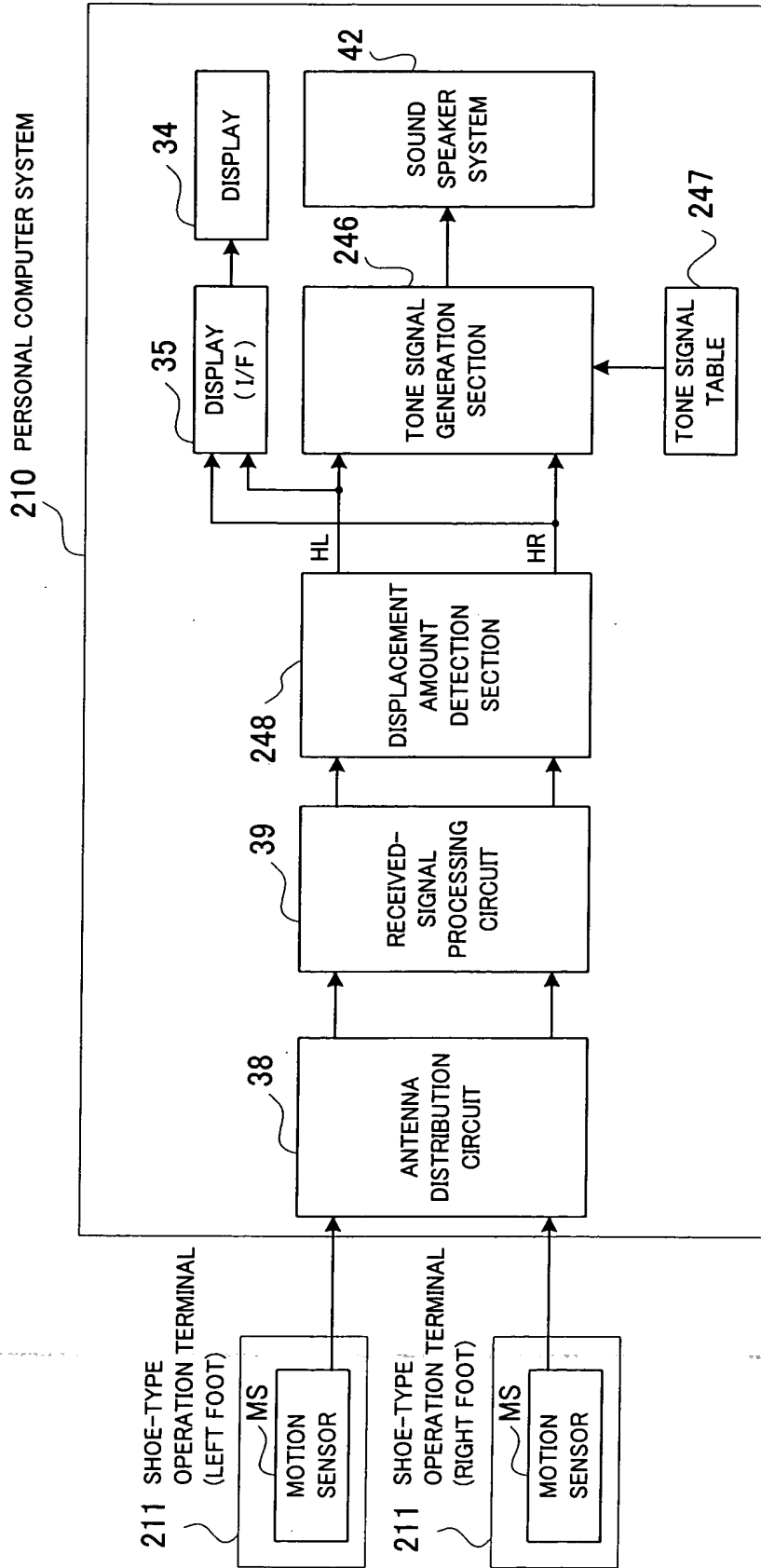


FIG. 21

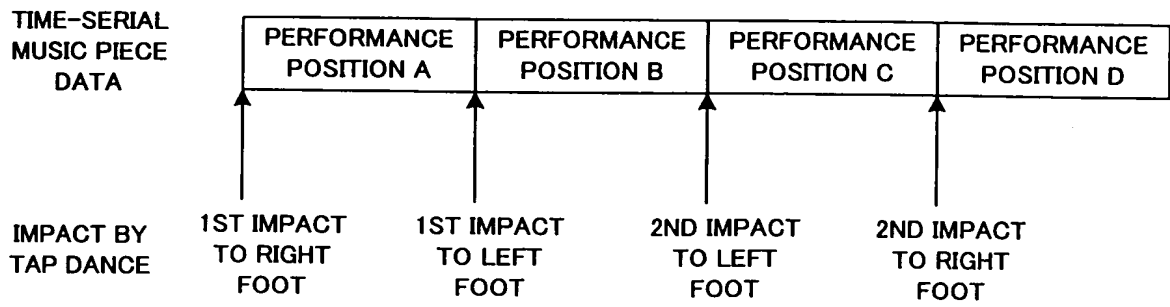


FIG. 22

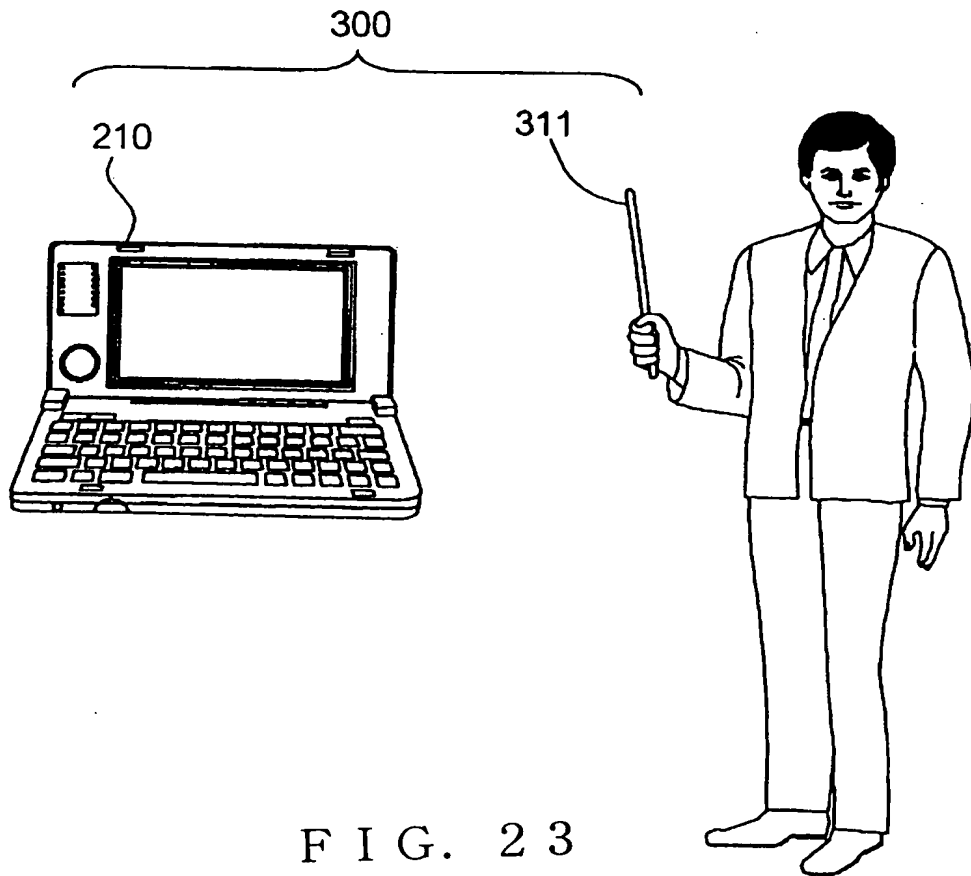


FIG. 23

2009050426001